This listing of claims will replace all prior versions, and listings, of claims in the application:

1		1.	(currently amended) A camera control apparatus
2	comp	risin	g:
3		an i	mage data receiving section for receiving from an
4			image transmitter image data captured by cameras;
5		an i	mage data playback section for <u>displaying the</u>
6			received images display, on a screen, the received
7			images ;
8		a ca	mera control area display section for displaying
9			camera symbols[[,]] which correspond to information
10			representing the locations of the cameras[[,]] and
11	cinka.		the directions in which the cameras are
12	$X^{\gamma}Y$		<pre>oriented[[,]] as a control region for controlling</pre>
13	Alla		the cameras connected to the image transmitter;
14	Q	a co	mmand load section for loading the coordinates of a
15			location in the control region designated by an
16			operator;
17		a ca	mera-to-be-operated determination section for
18			determining a camera optimal for shooting the
19			designated location;
20		a co	ntrol command conversion section for converting
21			information about the coordinates loaded by the
22			command load section[[,]] into a control command
23			signal capable of being used for controlling the
24			cameras; and
25		a co	ntrol command transmission section for transmitting
26			the converted control command signal to the image
27			transmitter <u>, wherein</u>
28		<u>said</u>	camera-to-be-operated determination section
29			determines a camera to be panned on the basis of an
30			angle between an imaginary line connecting the
31			center of the camera symbol with the designated
32			location and the direction in which the camera is
22			currently oriented

1 2. (canceled)

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- 3. (currently amended) The camera control apparatus as defined in claim 1, further comprising an employable camera survey section which stores information about the positions of impediments obstructions existing in the area line of sight to be shot by the plurality of cameras and which eliminates a camera incapable of undesirable for shooting the designated location from candidates considered by the camera-to-be-operated determination section.
- 4. (currently amended) The camera control apparatus as defined in claim 3, wherein, in the event of presence of an impediment obstruction of the view between the area to be shot and one or more of the cameras in the area where the cameras are disposed, the impediment obstruction is displayed.
- 5. (currently amended) The A camera control apparatus as defined in claim 1, further comprising:
- an image data receiving section for receiving image data

 captured by cameras from an image transmitter;
- 5 <u>an image data playback section for displaying the</u> 6 <u>received images on a screen;</u>
- a camera control area display section for displaying

 camera symbols which correspond to information

 representing the locations of the cameras and the

 directions in which the cameras are oriented as a

 control region for controlling the cameras connected

 to the image transmitter;

13	a command load section for loading the coordinates of a
14	location in the control region designated by an
15	<pre>operator;</pre>
16	a camera-to-be-operated determination section for
17	determining a camera optimal for shooting the
18	designated location;
19	a control command conversion section for converting
20	information about the coordinates loaded by the
21	command load section into a control command signal
22	capable of being used for controlling the cameras;
23 () ()	a control command transmission section for transmitting
24	the converted control command signal to the image
25	<u>transmitter</u> ;
26.	an angular-shift-time calculation section for calculating
27	the time required for the camera to pan toward the
28∙	designated location;
29	a focus storage section for grasping the focus of a
30	plurality of cameras; and
31	a focus-shift-time calculation section for calculating
32	the time required for the camera to attain a focus
33	on the designated location,
34	wherein the camera-to-be-operated determination section
35	determines a camera which can shoot the designated
36	location in the minimum time as a camera to be
37	operated, on the basis of the time required for the
38	camera to pan toward the designated location, as
39	well as the time required for the camera to attain a
40	focus on the designated location.

6. (original) The camera control apparatus as defined in claim 5, wherein there are displayed not only the direction in which the camera is oriented but also the focusing state of the camera.

Т	7. (currently amended) the \underline{A} camera control apparatus $\frac{1}{A}$
2	defined in claim 1, further comprising:
3	an image data receiving section for receiving image data
4	captured by cameras from an image transmitter;
5	an image data playback section for displaying the
6	received images on a screen;
7	a camera control area display section for displaying
8	camera symbols which correspond to information
9	representing the locations of the cameras and the
10	0 directions in which the cameras are oriented as a
11	control region for controlling the cameras connected
12	\mathbb{N} to the image transmitter;
13	a command load section for loading the coordinates of a
14	location in the control region designated by an
15	. <u>operator</u> ;
16	a camera-to-be-operated determination section for
17	determining a camera optimal for shooting the
18	<u>designated location;</u>
19	a control command conversion section for converting
20	information about the coordinates loaded by the
21	command load section into a control command signal
22	capable of being used for controlling the cameras;
23	a control command transmission section for transmitting
24	the converted control command signal to the image
25	<pre>transmitter;</pre>
26	a view-point direction survey section for storing the
27	direction in which the operator desires to shoot the
28	designated location,
29	wherein the camera-to-be-operated determination section
30	determines a camera to be operated, from information
31	as to whether or not an image can be shot in the
32	direction designated by the view-point survey
33	section, as well as from the angle between the
34	current shooting direction of the camera and the
35	direction of an imaginary line connecting the
36	designated location with the center of the camera
37	symbol.

1		8. (original) The camera control apparatus as defined in
2	claim	n 7, wherein there is displayed information about the
3	direc	ction in which the operator desires to shoot.
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1		9. (currently amended) The $\underline{\mathbf{A}}$ camera control apparatus $\underline{\mathbf{as}}$
2	defir	ned in claim 1, further comprising:
3		an image data receiving section for receiving image data
4 \		captured by cameras from an image transmitter;
5 🕽	$\mathcal{W}_{\mathcal{N}}$	an image data playback section for displaying the
₆ \	olla	received images on a screen;
7*	U	a camera control area display section for displaying
8		camera symbols which correspond to information
9'		representing the locations of the cameras and the
10		directions in which the cameras are oriented as a
11		control region for controlling the cameras connected
12		to the image transmitter;
13		a command load section for loading the coordinates of a
14		location in the control region designated by an
15		<pre>operator;</pre>
16		a camera-to-be-operated determination section for
17		determining a camera optimal for shooting the
18		designated location;
19		a control command conversion section for converting
20		information about the coordinates loaded by the
21		command load section into a control command signal
22		capable of being used for controlling the cameras;
23		a control command transmission section for transmitting
24		the converted control command signal to the image
25		<pre>transmitter;</pre>
26		an angular-shift-time calculation section for calculating
27		the time required for the camera to pan toward the
28		designated location;
29		a zoom storage section for grasping the degree of zoom of

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a plurality of cameras;

31 a zoom-shift time calculation section for calculating the 32 time required for a camera to zoom in order to 33 display an image of the designated range; and a zoom range display section for displaying, in the 34 35 camera control region, a range to be zoomed, 36 wherein the camera-to-be-operated determination section 37 determines a camera to be operated, from the time 38 required for the camera to pan toward the designated 39 location after the operator has designated a desired 40 range in the control region and the time required for the camera to zoom in or out for attaining focus 41 on the designated range.

- 1 10. (original) The camera control apparatus as defined in 2. claim 1, wherein an image captured by the camera selected by the camera-to-be-operated determination section is displayed
- 4 greater than images captured by other cameras.
- 1 11. (original) The camera control apparatus method as defined in claim 13, wherein, when a camera most optimal for 2 designated 3 shooting the location is selected, an 4 captured by the thus-selected camera is displayed greater than images captured by other cameras. 5
- 1 12. (currently amended) The A camera control apparatus as 2 defined in claim 1, further comprising:
- an image data receiving section for receiving image data

 captured by cameras from an image transmitter;
- 5 <u>an image data playback section for displaying the</u> 6 <u>received images on a screen;</u>
- 7 a camera control area display section for displaying 8 camera symbols which correspond to information 9 representing the locations of the cameras and the

LO	directions in which the cameras are oriented as a
11	control region for controlling the cameras connected
12	to the image transmitter;
13	a command load section for loading the coordinates of a
14	location in the control region designated by an
15	operator;
16	a camera-to-be-operated determination section for
17	determining a camera optimal for shooting the
18	designated location;
19	a control command conversion section for converting
20 ///	information about the coordinates loaded by the
21	command load section into a control command signal
22	capable of being used for controlling the cameras;
23 . U	a control command transmission section for transmitting
24	the converted control command signal to the image
25 '	transmitter; and
26	a zoom-scale determination section for determining the
27	zoom scale of each of the cameras which have been
28	examined as being optimal for shooting the
29	designated location by the camera to-be-operated
3 0	determination section, in sequence in which the
31	cameras are arranged.
1	13. (currently amended) A camera control method
2 compr	rising steps of:
3	displaying images captured by a plurality of cameras, a
4	map relating to a location whose image is captured
5	by the plurality of cameras, camera symbols
6	representing the locations of the cameras in the
7	map, and directions in which the cameras are
8	oriented;
9	selecting a camera optimal for shooting a location
LO	designated by an operator;
L1	and
12	controlling the selected camera such that the camera is
L3	panned toward the designated location, wherein from

14	among the plurality of cameras, there is selected a
1.5	camera involving a minimum angle between the
16	direction in which the camera is currently oriented
17	and the imaginary line connecting the center of the
18	camera symbol with the designated location.
1	14.(canceled).
1	15. (original) The camera control method as defined ir
2	claim 13, wherein the camera which is blocked by an impediment
3	and cannot shoot the designated location is eliminated from
\setminus^4	candidates for selection of a camera to be operated.
PG.	
1,66	16 (original) The gamera control method as defined in
10	16, (original) The camera control method as defined in
2	claim 15, wherein, in the event of presence of an impediment
3	in the area where the cameras are disposed, the impediment is
4	displayed.
1	17. (currently amended) The \underline{A} camera control method as
2	defined in claim 13, comprising the steps of:
3	displaying images captured by a plurality of cameras, a
4	map relating to a location whose image is captured
5	by the plurality of cameras, camera symbols
6	representing the locations of the cameras in the
7	map, and directions in which the cameras are
8	<pre>oriented;</pre>
9	selecting a camera optimal for shooting a location
10	designated by an operator; and
11	controlling the selected camera such that the camera is
12	panned toward the designated location,

wherein, from among the plurality of cameras, a camera

which can shoot the designated location within the

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15	minimum period of time is selected on the basis of
16	the time required for the camera to pan toward the
17	designated location from the direction in which the
18	camera is currently oriented and the time required
19	for the camera to zoom into the designated location,
20	and the selected camera is panned toward the
21	designated location and attains focus on the
22	designated location.

- 1 18. (original) The camera control method as defined in 2 claim 17, wherein there are displayed not only the direction 3 in which the camera is oriented but also the focusing state of 4 the camera.
- 19. (original) The camera control method as defined in claim 13, wherein cameras incapable of shooting an image from a direction desired by the operator are eliminated from candidates camera-to-be-operated.
- 20. (original) The camera control method as defined in 2 claim 19, wherein there is displayed information about the 3 direction in which the operator desires to shoot.
- 21. (currently amended) The A camera control system as
 2 defined in claim 13, method comprising the steps of:
- displaying images captured by a plurality of cameras, a
 map relating to a location whose image is captured
 by the plurality of cameras, camera symbols
 representing the locations of the cameras in the
 map, and directions in which the cameras are
 oriented;

selecting a camera optimal for shooting a location 9 designated by an operator; and 10 controlling the selected camera such that the camera is 11 panned toward the designated location, 12 13 wherein, from among the plurality of cameras, there is selected a camera which can shoot the designated 14 15 range within the minimum period of time, on the basis of the time required for the camera to pan 16 17 toward a designated range from the direction in which the camera is currently oriented after the 18 19 camera has received an instruction for designating a desired range from the operator, and the time 20 required for the camera to attain focus on the 21 designated range from the range on which the camera 22 is currently focused, and the selected camera is 23 panned toward the designated location, to thereby 24 attain focus on the designated range. 25 1 22. (currently amended) The camera control method as defined in claim 13, A camera control method comprising the 2 3 steps of: displaying images captured by a plurality of cameras, a 4 map relating to a location whose image is captured 5 by the plurality of cameras, camera symbols 6 representing the locations of the cameras in the 7 map, and directions in which the cameras are 8 oriented; 9 selecting a camera optimal for shooting a location 10 designated by an operator; 11 12 and controlling the selected camera such that the camera is 13 14 panned toward the designated location, wherein, when cameras optimal for shooting the designated 15 location are selected, images captured by the 16 17 cameras are displayed at respective scales, in 18 sequence in which the cameras are arranged.